

Topic : Online Shopping Mall

Group no : MLB\_PG.07.01\_09

Campus : Malabe

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We declare that this is our own work and this Assignment does not incorporate without acknowledgment any material previously submitted by anyone else in SLIIT or any other university/Institute. And we declare that each one of us equally contributed to the completion of this Assignment.

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Exercise 1

1. Online shopping can be introduced as a turning point in modern technology. Online shopping Mall helps customers to do online shopping in various items such as clothes, Electrical devices, books etc. A registered customer can order items and cancel ordered items. He/she can also rate the site. An unregistered customer can browse for items. He/she can only order items, after registering to the site. The customer must provide information such as name, address, contact number and email address when registering. A registered customer can place an order from an online shopping. The order may consist multiple items. An unregistered customer and registered customer can search for items. This web page is divided into several sections called Home, log in, item, my account and customer care. When ordering items, payment details and delivery details must be provided. Payment can be done in various ways (eg: - Credit card, Debit card, PayPal). If the ordered item is under a discount, a discount must be added to the payment. Once the customer confirms the order and the payment is validated, the order is placed, and items are updated in the system. If customer wants to cancel any order, he/she can cancel it. Then it will be updated on the system. When ordering an item, you must enter some information under delivery details. The delivery manager obtains that information and delivers the item to the appropriate location. The customer can see the status of the order placed and get a list of previous orders. Administrator of the mall can create a report of ordered items and add discounts to the items.
   1. Order items
   2. Cancel ordered items
   3. Rate the site
   4. Browse for items
   5. Register to the site
   6. Provide information
   7. Payment details
   8. Delivery details
   9. Add discount to the payment
   10. Confirms the order
   11. Validate the payment
   12. Update the items
   13. Delivers the item
   14. Get a list of previous orders
   15. Create a report of ordered items
   16. Add discounts to the items
2. 1. Online shopping – Out of scope
   2. Technology – Out of scope
   3. Mall – Out of scope
   4. Customers – Redundant
   5. Items – Class
   6. Clothes, Electrical devices, books – Attributes
   7. Registered Customer – Class
   8. Site – Out of scope
   9. Unregistered Customer – Class
   10. Information – Attribute
   11. Sections – Out of scope
   12. Home, log in, item, my account and customer care – Attributes
   13. Payment – Class
   14. Delivery – Class
   15. Credit card, Debit card, PayPal – Attributes
   16. Discount – Operation
   17. Order – Operation
   18. Delivery Manager – Class
   19. Location – Attribute
   20. Status – Attribute
   21. List of previous orders – Attribute
   22. Administrator – Class
   23. Report – Class
3. 1. Items
   2. Registered customer
   3. Unregistered customer
   4. Payment
   5. Delivery
   6. Delivery Manager
   7. Administrator
   8. Report

Exercise 2

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| **Items** | |
| **Responsibility** | **Collaborators** |
| Store details of items |  |
| Update Status of Items |  |

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| **Registered Customer** | |
| **Responsibility** | **Collaborators** |
| Store customer details |  |
| Order items | Payment, Delivery |
| Cancel items |  |
| Rate the site |  |
| Search for items | Items |
| Get a list of previous items |  |
| See the status of the order |  |

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| **Unregistered Customer** | |
| **Responsibility** | **Collaborators** |
| Register to the site |  |
| Browse for items | Items |

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| --- | --- |
| **Payment** | |
| **Responsibility** | **Collaborators** |
| Store payment details | Registered customer |
| Specify payment method | Registered customer |
| Add discount to the payment |  |
| Validate payment |  |

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| **Delivery** | |
| **Responsibility** | **Collaborators** |
| Store delivery details | Registered customer |

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| --- | --- |
| **Administrator** | |
| **Responsibility** | **Collaborators** |
| Create a report | Report |
| Add discounts to the items | Items |

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| **Delivery Manager** | |
| **Responsibility** | **Collaborators** |
| Deliver the order | Delivery |

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| --- | --- |
| **Report** | |
| **Responsibility** | **Collaborators** |
| Store ordered items details | Items |